

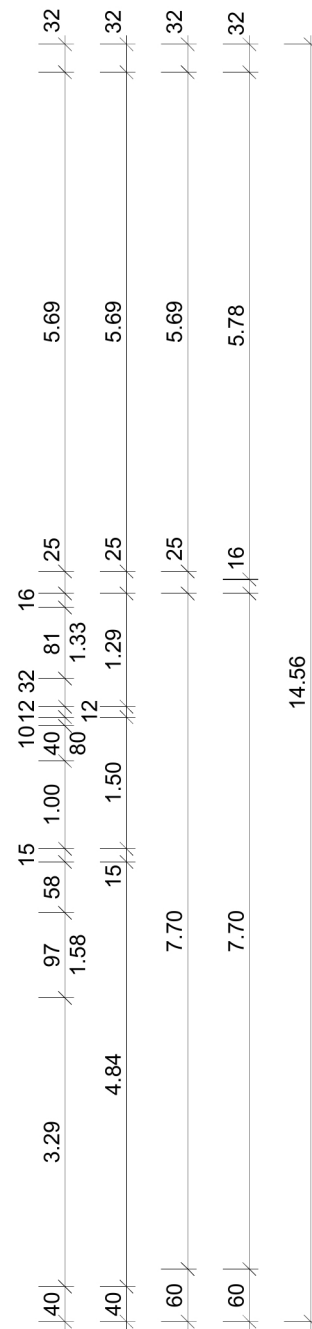
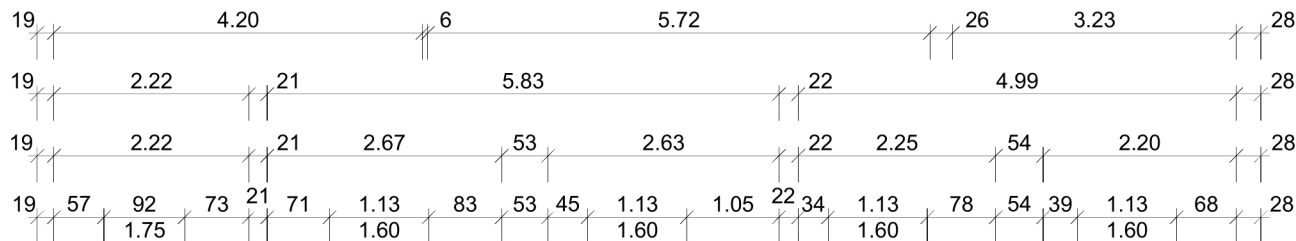


Figure 1: A diagram showing the distribution of the number of nodes in the tree T_n for $n = 1$ to 28 . The diagram consists of four horizontal lines representing the distribution for $n=1, 2, 3, 4$. Each line has tick marks corresponding to the number of nodes, with labels above and below the line indicating the count and the probability. For $n=1$, the distribution is 61 (1.76) and 81 (1.61). For $n=2$, the distribution is 52 (1.61) and 57 (1.61). For $n=3$, the distribution is 27 (1.61) and 27 (1.61). For $n=4$, the distribution is 81 (1.61) and 65 (1.61). The total number of nodes for each n is 26, 26, 26, and 26 respectively.